



AS-INTERFACE COMPACT MOD. K60, DIGITAL, 8I, IP67 8 X 1 INPUT, 200MA MAX., PNP 4 X M12 STANDARD SOCKET 4 X M12 SOCKET W. Y-II-ASSIGNM. FOR INPUT CONNECTIONS MOUNTING PLATE 3RK19010CA00 TO TO BE ORDERED SEPARATELY

General technical data:

Design of the product		digital I/O modules for operation in the field, IP67 - K60
Type		8 inputs
Design of the slave type		standard slave
I/O configuration		0
ID/ID2 code		1/F
Number I/O sockets		8
Type of electrical connection of the inputs and outputs		M12 screw-type terminals
AS interface total current input max	mA	270
operating voltage according to AS-Interface spezifikation	V	26.5 ... 31.6
Ground terminal		PIN5 of each M12 socket is connected to the grounding wrist strap in the mounting plate using a pin
Addressing		front addressing socket
Delivery note		the modules are delivered without mounting plate
note		module requires two addresses

Note 1		All K60 compact modules are delivered with stainless steel screws/sockets
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Sensor supply:

Type of voltage supply for power supply		using AS-Interface
Input voltage	V	20 ... 30
Property of the sensor supply Short-circuit and overload resistant		Yes
Ampacity of the sensor supply for all inputs		
<ul style="list-style-type: none"> at ambient temperature 40 °C 	mA	200

Inputs:

Number of digital inputs		8
Type of connection		2- and 3-wire technology
Input circuit		PNP transistor
Type of voltage of the input voltages		DC
Inputs switching level High min	V	10
Input current at digital input		
<ul style="list-style-type: none"> for signal <1> minimum 	mA	6
<ul style="list-style-type: none"> with signal <0> maximum 	mA	1.5
Inputs		
<ul style="list-style-type: none"> sensor supply using AS-Interface socket assignment <ul style="list-style-type: none"> — PIN 1 — PIN 2 — PIN 3 — PIN 4 — PIN 5 		short-circuit and overload resistant sensor supply L+ data input II sensor supply L- data input I ground terminal
Design of the pin assignment of the inputs		Y-II assignment

Outputs:

Number of digital outputs		0
Outputs external power supply 24 V DC		not required
Design of the pin assignment of the outputs		Y-II assignment
Outputs		
<ul style="list-style-type: none"> watchdog 		not required

Assignment of the data bits:

Assignment of data bits		
<ul style="list-style-type: none"> socket socket 2 socket 3 socket 4 socket 5 socket 6 		PIN 4 = IN1 (D0) (addr. 1), PIN 2 = IN2 (D1) (addr. 1) PIN 4 = IN2 (D1) (addr. 1) PIN 4 = IN3 (D2) (addr. 1), PIN 2 = IN4 (D3) (addr.1) PIN 4 = IN4 (D3) (addr. 1) PIN 4 = IN1 (D0) (addr. 2), PIN 2 = IN2 (D1) (addr. 2) PIN4 = IN2 (D1) (addr. 2)

- socket 7
- socket 8

PIN4 = IN3 (D2) (addr. 2), PIN2 = IN4 (D3) (addr. 2)
 PIN4 = IN4 (D3) (addr. 2)

Ambient conditions:

Ambient temperature		
• during operation	°C	-25 ... +85
• during storage	°C	-40 ... +85
Protection class IP		IP67

Display:

Status display		
• display of I/Os		yellow LED
• display of Uaux		not required
• display of AS-Interface/diagnostics		green/red LED

Mechanical data:

Width	mm	60
Height	mm	152
Depth	mm	29
Mounting type		standard rail mounting/wall mounting using mounting plate for K60 compact module

Certificates/ approvals:

AS-Interface certificate		yes (or requested for in case of new units)
Approvals		UL, CSA, shipbuilding (or requested for in case of new units)

General Product Approval	Declaration of Conformity	Shipping Approval
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Shipping Approval	other
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Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

Cax online generator

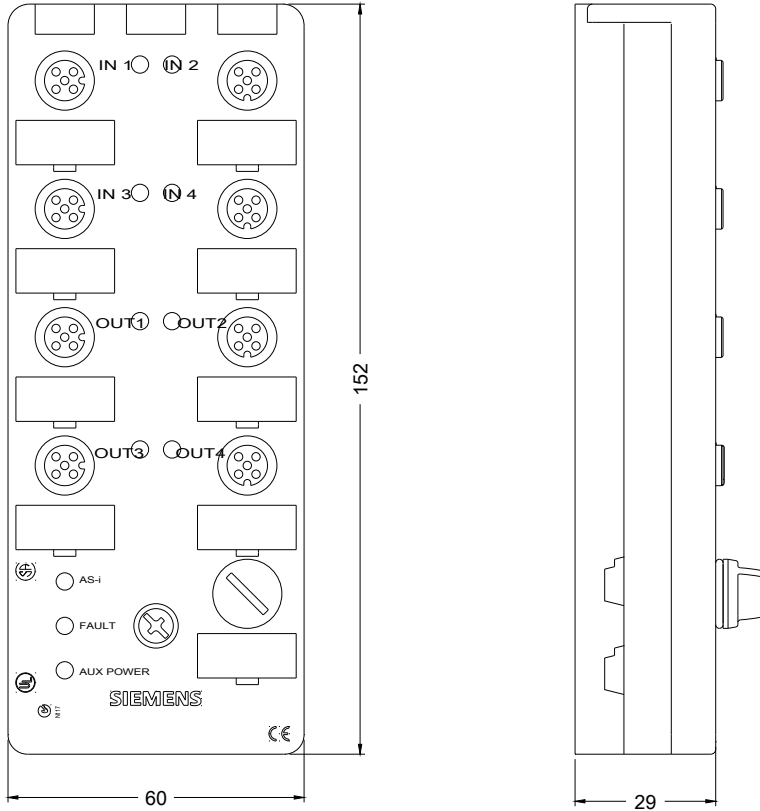
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RK12000DQ000AA3>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK12000DQ000AA3>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mfb=3RK12000DQ000AA3&lang=en



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